

CLAIMS

- 5 1. Sink device (CED-A, CED-D) for connection to a digital network (100) comprising
 means for displaying (102, 211) a user interface for controlling a data source device (CED-B; CED-C) connected to the network;
 characterized by:
10 means for controlling (104, 214-216) network resource allocation and for automatically establishing, upon selection (212, 213) of a function of the source device by the user through the user interface, a connection between the data source device and the data sink device as default destination device of the connection, wherein said sink device has playback capability of the data of the source device.
- 15 2. Sink device according to claim 1, wherein the connection is an isochronous transmission connection comprising allocation of a channel and of bandwidth.
- 20 3. Sink device according to claims 1 or 2, wherein the controlling means of the sink device carry out a check for an existing connection from the source device to another sink device, and in the affirmative, do not automatically set up the connection between the source device and the sink device.
- 25 4. Sink device according to one of the claims 1 to 3, wherein said function is a playback function.
5. Sink device according to claim 4, wherein said source device comprises a storage means for storing data to be transmitted, said storage means being responsive to
30 controls for starting and stopping reading from the storage means.
6. Sink device according to one of the claims 1 to 3, wherein said function is a selection function of the source device.
- 35 7. Sink device according to claim 6, wherein said source device comprises a data generation means adapted to the continuous output of data.

8. Sink device according to one of the claims 1 to 7, further comprising memory for storing software (105) downloaded from the source device, wherein said software is adapted to control the automatic establishment of the connection between the source device and the sink device and wherein said user interface is derived from said software.

9. Sink device according to claim 8, wherein said software is a HAVi Havlet (105) and the network is a HAVi network.

10. Method for setting up a data stream connection in a digital network (100) comprising a source device (CED-B, CED-C) and a sink device, said method comprising the steps of:

- executing a user interface (210, 211) on the sink device;
- selecting a function of the source device through the user interface;

characterized by the step of:
- establishing a connection for data transmission from the data source device to the data sink device as default destination device of the connection, wherein said sink device has playback capability of the data of the source device.

11. Method according to claim 10, further comprising the step of deriving the user interface from software downloaded by the sink device from the source device.

12. Method according to claim 11, wherein the network is a HAVi network and the software is a HAVi Havlet.

13. Method according to one of the claims 11 or 12, wherein the downloaded software controls the establishment of the connection.

14. Method according to one of the claims 10 to 13, further comprising the step, prior to establishing the connection, of verifying the existence of a preexistent connection between the source device and a further sink device, and carrying of the connection establishment step only in the negative.

15. Method according to one of the claims 10 to 14, wherein said function is a playback function, and said source device is a data storage device.

16. Data source device (CED-B, CEB-C) for connection to a communication network comprising at least one sink device (CED-A, CED-D), said data source device comprising software (105) for downloading by a sink device, said software providing control functions of the data source device for access by a user
5 through the sink device, characterized in that said software is adapted to the control of automatically establishing, upon selection of a data reproduction function by a user, a connection for transmission of data from the data source device to the sink device on which the reproduction function was selected.